

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091724\
 Data File : VU060832.D
 Acq On : 17 Sep 2024 14:54
 Operator : MD/SY
 Sample : P3967-21
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 18 01:18:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 18 01:15:55 2024
 Response via : Initial Calibration

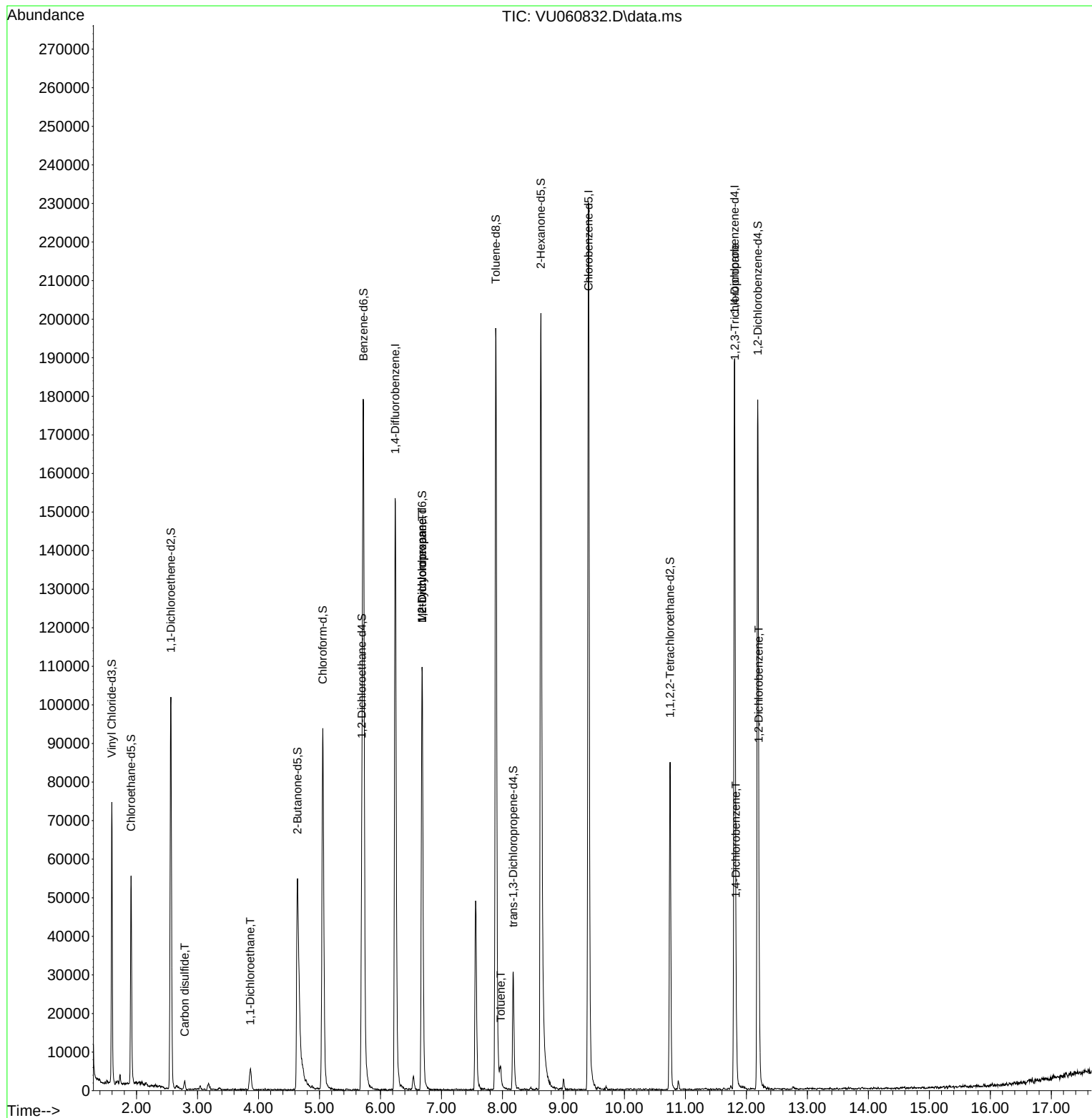
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	136079	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	145113	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	58170	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	51899	4.240	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.800%
7) Chloroethane-d5	1.911	69	41326	4.742	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.800%
11) 1,1-Dichloroethene-d2	2.563	65	19184	4.422	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.400%
20) 2-Butanone-d5	4.640	46	96820	49.275	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.560%
24) Chloroform-d	5.055	84	89453	4.781	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	5.695	65	44668	4.994	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
32) Benzene-d6	5.721	84	175751	4.519	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	6.682	67	57716	4.796	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.891	98	147328	4.155	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.000%
43) trans-1,3-Dichloroprop...	8.177	79	20616	4.759	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.200%
46) 2-Hexanone-d5	8.631	63	77541	45.379	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.760%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	45108	4.785	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	53112	5.434	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.600%
Target Compounds						
14) Carbon disulfide	2.792	76	2731	0.115	ug/L	98
19) 1,1-Dichloroethane	3.865	63	7048	0.396	ug/L #	87
35) Methylcyclohexane	6.682	83	13361	0.931	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	5807	0.528	ug/L #	93
42) Toluene	7.971	91	4844	0.116	ug/L	86
61) 1,2,3-Trichloropropane	11.810	75	7558	1.393	ug/L #	66
65) 1,4-Dichlorobenzene	11.830	146	4693	0.262	ug/L	96
67) 1,2-Dichlorobenzene	12.203	146	6826	0.416	ug/L	90

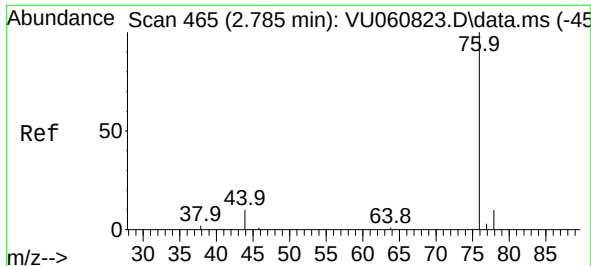
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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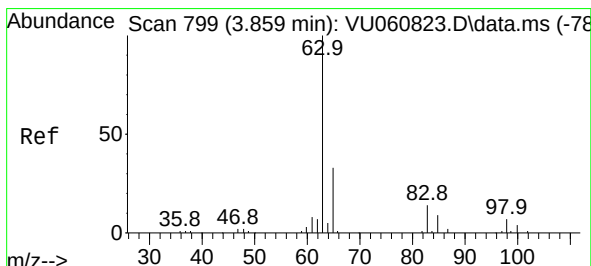
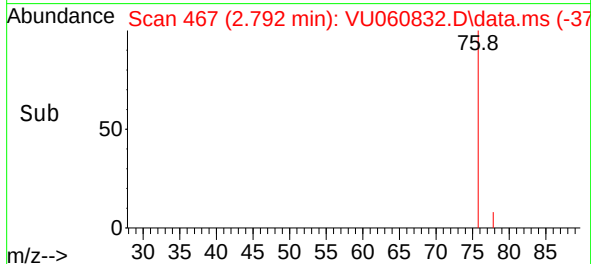
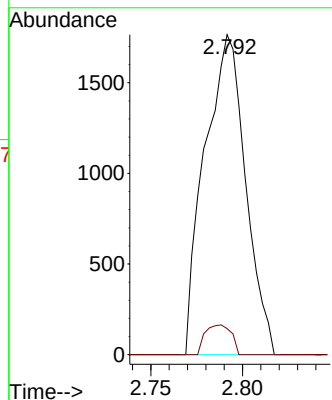
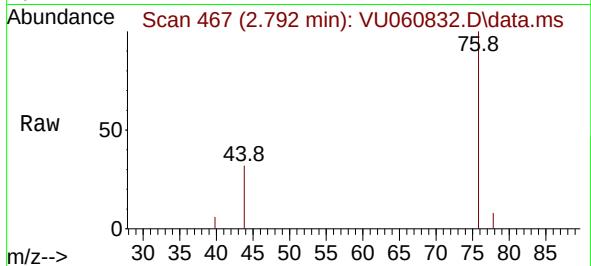




#14
Carbon disulfide
Concen: 0.115 ug/L
RT: 2.792 min Scan# 4
Delta R.T. 0.006 min
Lab File: VU060832.D
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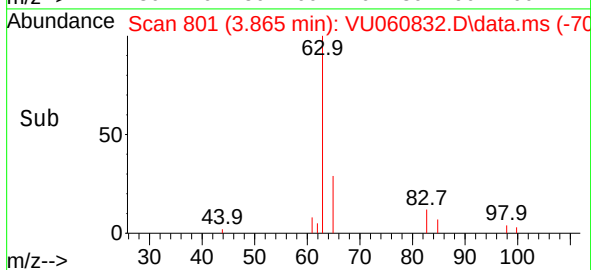
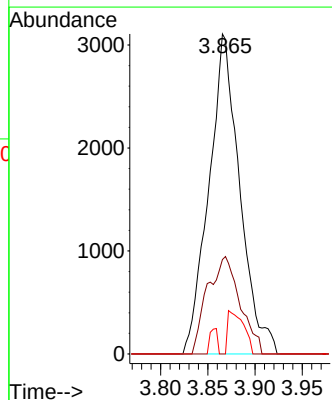
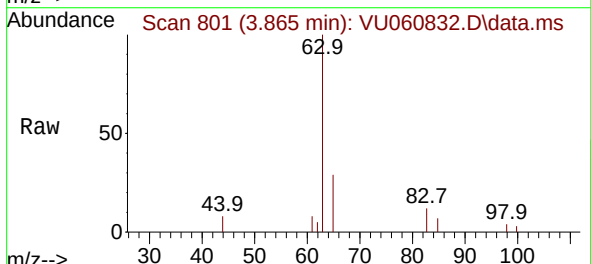
Instrument :
MSVOA_U
ClientSampleId :

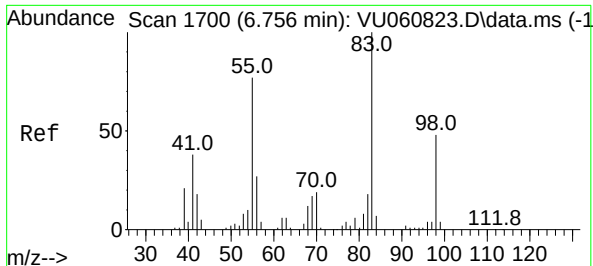
Tgt Ion: 76 Resp: 2731
Ion Ratio Lower Upper
76 100
78 8.2 7.1 10.7



#19
1,1-Dichloroethane
Concen: 0.396 ug/L
RT: 3.865 min Scan# 801
Delta R.T. 0.006 min
Lab File: VU060832.D
Acq: 17 Sep 2024 14:54

Tgt Ion: 63 Resp: 7048
Ion Ratio Lower Upper
63 100
65 29.5 23.0 42.8
83 0.0 9.0 16.6#





#35

Methylcyclohexane

Concen: 0.931 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU060832.D

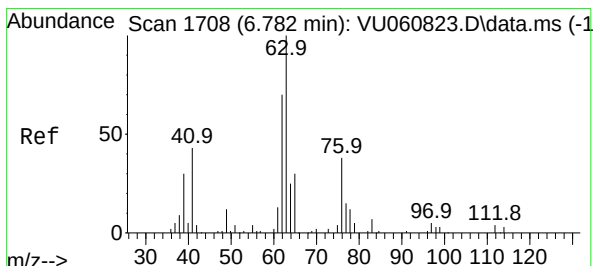
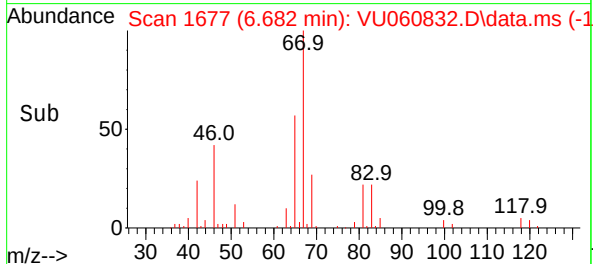
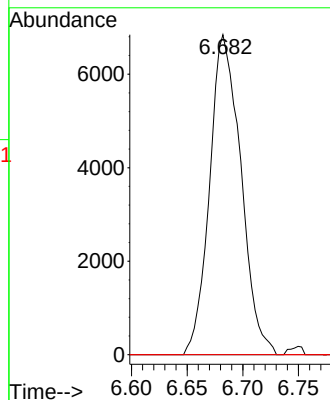
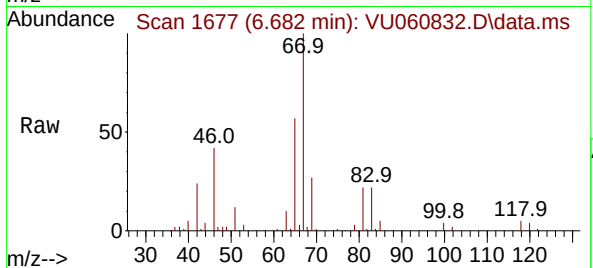
Acq: 17 Sep 2024 14:54

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 13361
Ion Ratio	Lower Upper
83 100	
55 0.0	62.6 94.0#
98 0.3	37.6 56.4#



#37

1,2-Dichloropropane

Concen: 0.528 ug/L

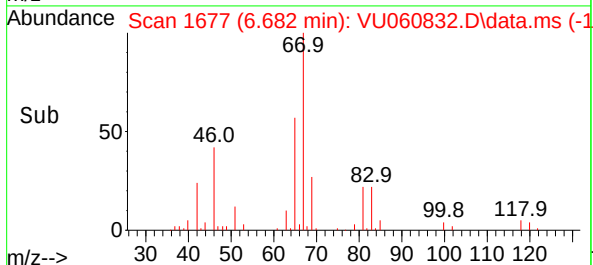
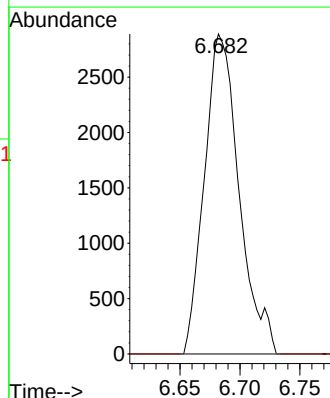
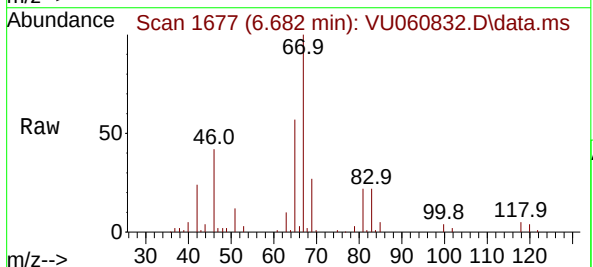
RT: 6.682 min Scan# 1677

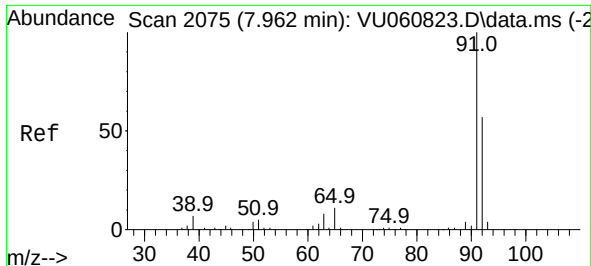
Delta R.T. -0.100 min

Lab File: VU060832.D

Acq: 17 Sep 2024 14:54

Tgt Ion: 63	Resp: 5807
Ion Ratio	Lower Upper
63 100	
112 0.0	2.0 3.0#





#42

Toluene

Concen: 0.116 ug/L

RT: 7.971 min Scan# 2075

Delta R.T. 0.010 min

Lab File: VU060832.D

Acq: 17 Sep 2024 14:54

Instrument :

MSVOA_U

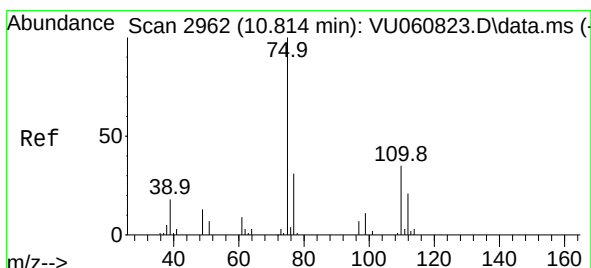
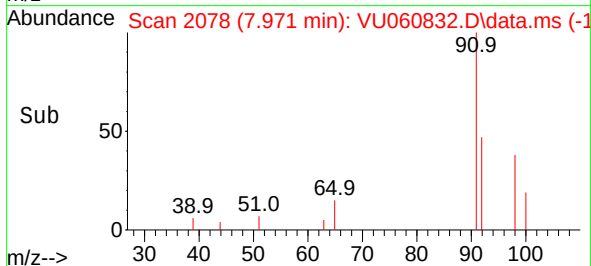
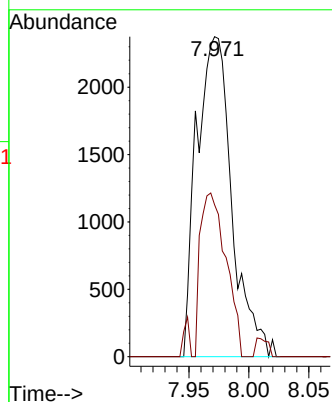
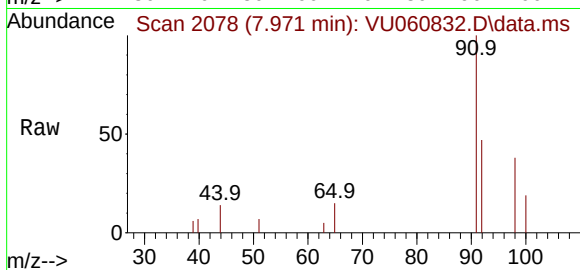
ClientSampleId :

Tgt Ion: 91 Resp: 4844

Ion Ratio Lower Upper

91 100

92 47.5 40.5 75.3



#61

1,2,3-Trichloropropane

Concen: 1.393 ug/L

RT: 11.810 min Scan# 3272

Delta R.T. 0.997 min

Lab File: VU060832.D

Acq: 17 Sep 2024 14:54

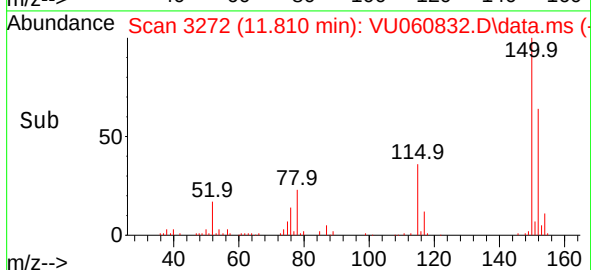
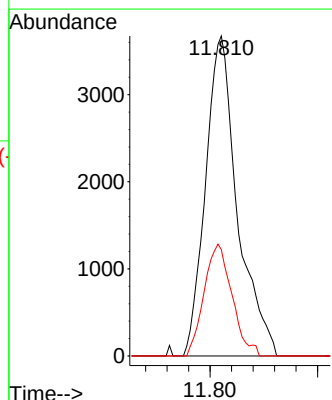
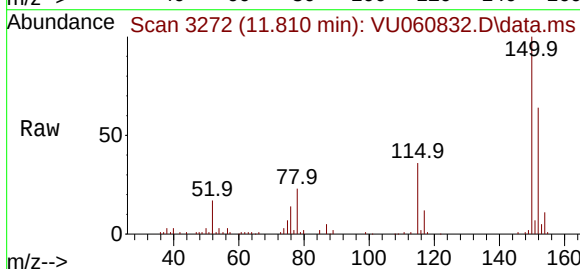
Tgt Ion: 75 Resp: 7558

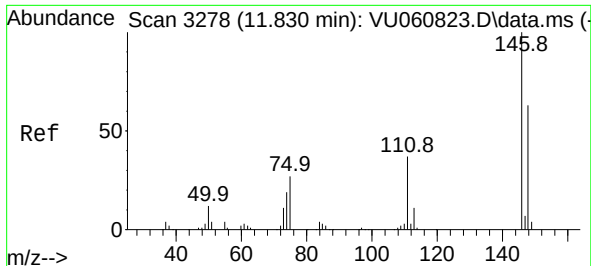
Ion Ratio Lower Upper

75 100

110 0.0 28.6 43.0#

77 30.6 26.3 39.5





#65

1,4-Dichlorobenzene

Concen: 0.262 ug/L

RT: 11.830 min Scan# 31

Delta R.T. -0.000 min

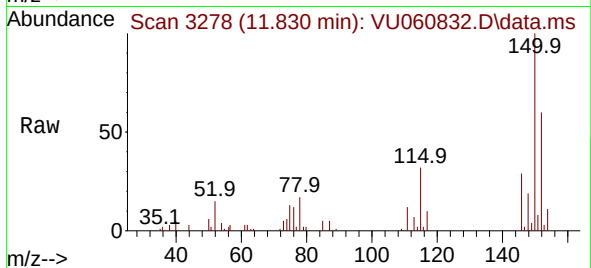
Lab File: VU060832.D

Acq: 17 Sep 2024 14:54

Instrument :

MSVOA_U

ClientSampleId :



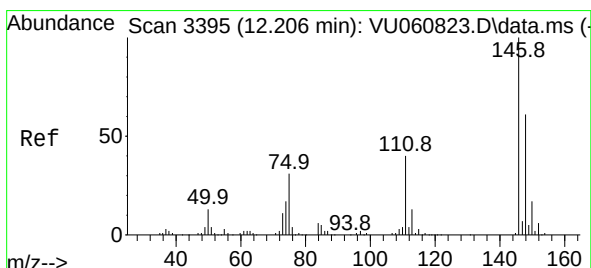
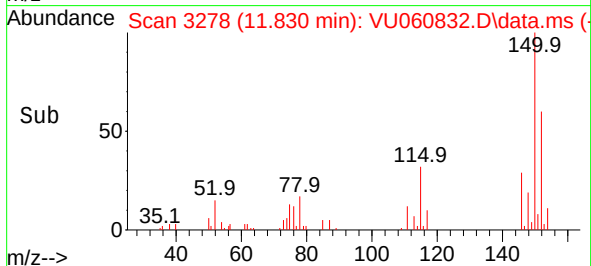
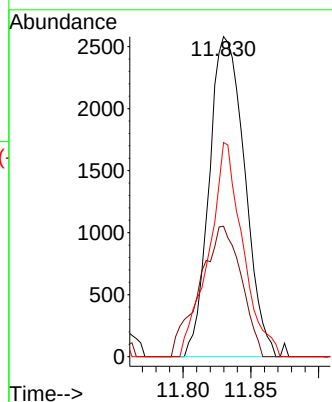
Tgt Ion:146 Resp: 4693

Ion Ratio Lower Upper

146 100

111 40.7 26.3 48.9

148 66.9 45.3 84.1



#67

1,2-Dichlorobenzene

Concen: 0.416 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. -0.003 min

Lab File: VU060832.D

Acq: 17 Sep 2024 14:54

Tgt Ion:146 Resp: 6826

Ion Ratio Lower Upper

146 100

111 41.0 33.4 50.0

148 51.5 50.9 76.3

